

**HEAT PUMP -  
: B85Hx50/1P**

SWEP DThermX  
: 15/07/2025

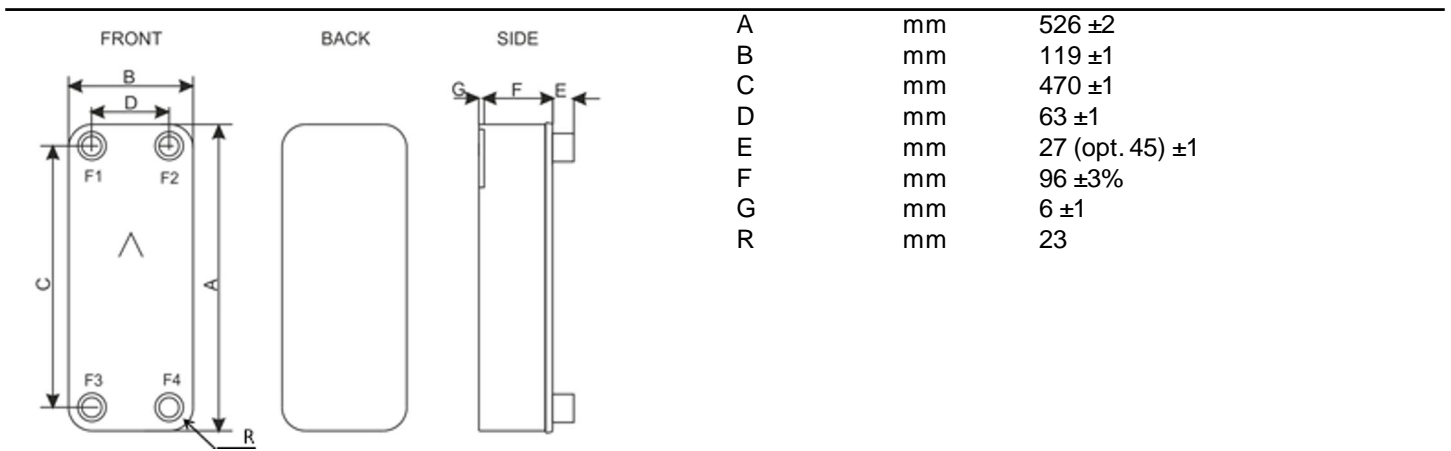
SSP : B85-NHP

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		<b>48.80</b>	
		<b>1.000</b>	
		<b>0.000</b>	
		<b>80.0</b>	<b>45.0</b>
(poca)	°C	<b>56.0</b>	
		<b>4.0</b>	
		51.9	<b>55.0</b>
		0.2921	1.241
		0.2921	
( C H)	kPa	<b>4.66 (50.00)</b>	<b>28.3 (50.00)</b>
		<b>1</b>	<b>2</b>
		2.88	
		16.9	
		6.7	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	2540	
-	kPa	4.66	28.3
( B / )	kPa	-0.220/0.0825	0.983
( )	kPa	3490	
		24	25
		50	
		0	
		0.002	
( / )	m <sup>2</sup> ,°C/kW		
		33.0/33.0	33.0/33.0
		9.83 - 22.0	
		14.7 - 29.4	
B	m/s	2.21	710.6
			1.43
		0.423	0.262
			0.0480
			0.7
/	K		
*	°C	47.0/60.9	46.8/60.2
		<b>1</b>	<b>2</b>
		55.9	50.0
		0.0731	1.24
		861.0	1014
		2.671	3.934
		0.07555	0.4690
		0.0148	
		153.9	
		1.937	
		0.01436	
		120.3	
		4240	10200
• Bub Enthalpy	kJ/kg	297.7	



		1	2
• Dew Enthalpy	kJ/kg	418.1	
• Inlet Enthalpy	kJ/kg	498.8	
• Outlet Enthalpy	kJ/kg	287.7	
<hr/>			
( )*	kg	8.92	
( )	dm <sup>3</sup>	2.26	
( )	kg	0.73	
( )	dm <sup>3</sup>	2.35	
F1/P1	mm	33	
F2/P2	mm	33	
F3/P3	mm	33	
F4/P4	mm	33	

\*



\*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO <sub>2</sub> e	45.9
USA - Tulsa	kg CO <sub>2</sub> e	48.2
Slovakia - Košice	kg CO <sub>2</sub> e	52.2
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	72.8
China - Suzhou	kg CO <sub>2</sub> e	124.8

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